

PlexusAV P-AVN-X Firmware Version 1.4.2 Release Notes

May 25, 2026 -- v1

P-AVN-X Firmware Branch Products

P-AVN-4, P-AVN-4E, P-AVN-4D,
P-AVN-3-HDBT
P-AVN-2, P-AVN-2E, P-AVN-2D

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Introduction

This document covers software version 1.4.2 for the P-AVN-X firmware branch products. These models share common code architecture and API commands. Each model has its own filename, but same shared feature sets. Features and improvements in this document apply to all P-AVN-X products unless otherwise stated for a specific model.

Firmware for all PlexusAV products is aligned, meaning that all devices running 1.4.x firmware will work together seamlessly.

P-AVN-4, P-AVN-4E, P-AVN-4D, P-AVN-3-HDBT, P-AVN-2, P-AVN-2E, P-AVN-2D

Online Resources and Support

plexusAV offers several resources online to obtain firmware, documentation, and initiate support tickets. See links below.

Partner Download Site (where to get the firmware files and release notes)

<https://plexusav.com/partner-support-downloads/>

API Development Hub (use this site to easily look up API commands, syntax, examples, etc.)

<https://developer.plexusav.online/>

Product Pages (use this site to download manuals, datasheets, quick-start guides, etc.)

<https://plexusav.com/support-request/>

Support Ticket Request (use this site to create a support ticket and get an email/callback)

<https://plexusav.com/support-request/>

Product Improvements

VA Audio Routing to AES67 IPMX Speaker

P-AVN-SPK speaker series is now integrated with P-AVN-VA so that audio can be routed to the speaker.

- Encoders can be connected to AES67 IPMX speaker devices from Visual Array's Audio Routing workflow, extending the existing IPMX speaker integration introduced in Visual Array to P-AVN-X sources.

Bug Fixes

These are general bug-fixes and improvements to the product. If you require more information please reach out to technical support.

- Laptop as HDMI source with VLC player: when pausing and resuming, video output resumed immediately but audio was lost for about 2 seconds. Improved HDMI audio detection and reduced this gap to 0.5 seconds.
- Fixed HDMI audio interruptions after long periods of operation that could trigger a "JPEG XS Audio Input RTP Continuity Bad" alarm on the decoder.
- Decoder now supports VCU and AAC out-of-order RTP packets, improving interoperability with high compression streams.
- Fixed displayed order of P-AVN-X network ports in the AV device list.
- MAV-1935: Added locally embedded fonts in the web-UI.
- Removed the "Expiring State Error" alarm for devices without a keygen license.

Upgrade procedure

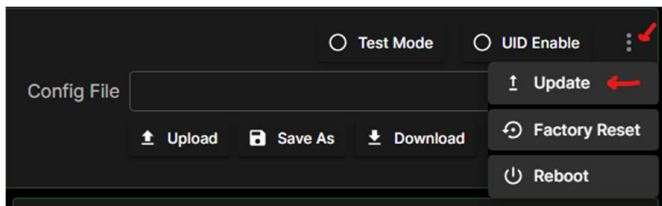
There are two ways to upgrade the P-AVN-4 firmware:

- Using P-AVN-4 local WebUI
- Using Visual Array: upgrading multiple P-AVN-4 units in one go

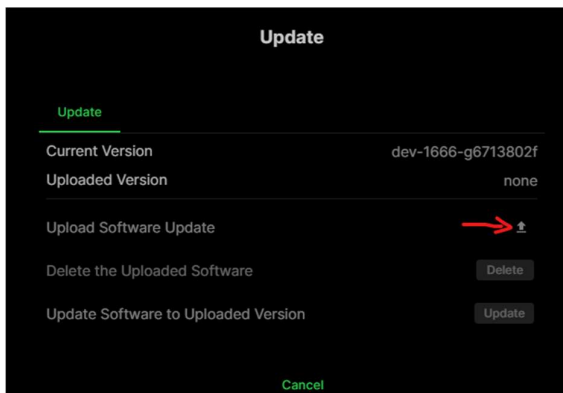
We will cover both ways of upgrading.

Upgrade with Local P-AVN-4 WebUI

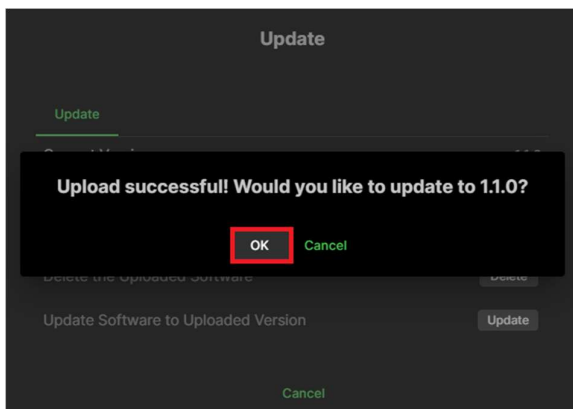
Log into the unit and look for the ellipse on the right side of the web UI. Click it, then click “Update”.



Click the “Up-arrow” icon to open a window to select the update.

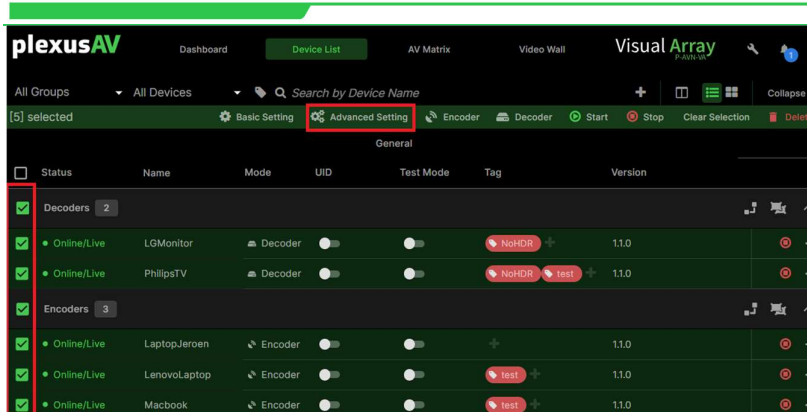


Select the update file and click “Open”. Then click “OK” to upgrade.



Batch upgrade with Visual Array

Select all transceivers in device list and go to “Advanced Settings”:



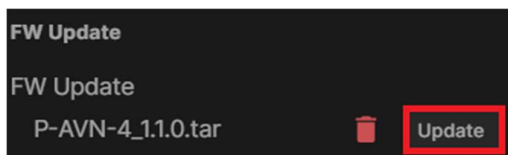
Delete any existing VA uploaded firmware (if there is any existing firmware) by clicking the bin button:



Click upload to upload the firmware to VA:



Update the units:



If all units are ready (100%), leave the advanced settings by clicking "Cancel".